E. C. & G. W. BROWN.

CE, PINAL COUNTY, A. T

as taught in the Holy Writ, and the n proper corporative government. attempt to legislate it into a religious holiday is the entering wedge to the ultimate attempt to control the conscience by the state. Our forefathers, the early pilgrims to this continent, sought its shores for the special purpose of being enabled to worship God according to the dictates of their own conscience and to escape the repugnant laws that forbade them to do so. Our national constitution guarantees to all citizens that freedom of thought and worship that its cosmopolitan character requires, and an attempt by oversealous christians to force by statutory enactment all other people to believe as they believe, and act as they act, and to rest when they rest, and to play the hypocrite generally, is not only unconstitutional, but it is a species of slavery and bondage more be -the slavery of the conscience.

THE United States is the greatest silver producer in the world and, with the assistance of Mexico, yields two Territory has all the essential elements thirds of the world's yearly production. With this vast interest to fosder it is humiliating to acknowledge that the English influence controls the purchase and coinage of silver by the United States. The director of the mint receives daily the London ed boom, for we have much better quotations for silver bullion and reformity with the London market price received that morning. England has a gold standard of currency and deals THE express monopolies have grown

at of pursuant the greatest hading long ago fully indemnined the coin the Territory. The hills are liter- and legitimate compensation. ally seamed with mineral-bearing upon the investment.

THE Tucson Citizen thinks Prescott implied rule, according to the compen- paying mines of the country. sation as determined by the value of reciprocal favors. If public policy and capital, it should be done regardless Representative Springer will urge the interests demand the removal of the ject should be permitted to rest in peace.

Congress for an enabling act to per- sent out from El Paso that a religious mit the issue of bonds in aid of a rail- insurrection had broken out in Mexiroad from Prescott to Phenix at a rate | co, and during a conflict in the city of not to exceed four thousand dollars per Mexico, two hundred priests were mile. So far from being discouraged killed. The report lacked truth in with the present bonded indebtedness every particular and was a cruel hoax. for railroad purposes, that county recognizes the value of railroads and purposes to insure its future prosperity by de mining district indicate great acmaking a railroad center within its limits. This characteristic exhibition of enterprise is the secret of the erected and the mines are being exrapid growth of the Salt river valley | ploited in a systematic manner. and it can be relied upon to create great additional wealth through the system of public improvements it successfully fosters. Enterprise is bound | Louis syndicate is of great importance

ance companies, whose exorbitant ergy and success. The springs are charges have long been a constant very valuable property, the medicinal agitation is likely to end in the torcharge only the actual costs of insur- The large hotel which is to be built

ONE of the present needs of Florence is the creation of a suitable form terested in knowing how baseball extras - JANUARY 5, 1888 of municipal government, whereby a arc issued so quickly The first five innings system of street improvements, sanitary laws and sewerage can be intro-senger, or telegraph it if the game is in another city. The result of the remainduced. The present filthy condition of nearly all the streets is sufficient to produce an epidemic did not our WE have received from a committee splendid climate neuta lize in a great of the progressive people of Phenix, a measure its evil effects. Nowhere and put on the press, and then copy of a petition memorializing the observable supportant provides the supportant of the press. copy of a petition memorializing the else under the sun could such con-Territorial Legislature to enact laws ditions exist without the dreadful penfor the restriction and suppression of alty being paid. The town possesses the liquor traffic; the punishment of a natural drainage and but little exgambling as a misdemeanor, and the pense will be required to perfect it suspension of business and the cessa- sufficient for all present purposes. Our tion from labor on Sunday. While streets should be properly graded and the two former subjects are proper graveled and the sidewalks and crossmatters of legislative control, the latings made to correspond. It is a work ter is certainly not. Sunday is in no of prime necessity, and our people wise the "Lord's day" and day of rest should move in the matter of effecting

> THE almanac tells us it is midwinter, but there are few of the associations of that frigid season found in the incomparable climate of southern Arifarmers are still busy with plow and harrow on their ranches, and the gardens are bright with tender vegetation. It is true that some of the trees have shed their leaves for a very brief space of time that separates autumn from springtime, and this is the only real reminder we find that winter has come. Indeed the climate of Arizona is superb, and is in itself a resource of sufficient value to attract crowds of winter visitors and a dense population of permanent settlers.

SEVERAL of the southern California galling than more physical fetters can newspapers are still urging the division take place in as many different spots, of California and the annexation of Arizons to the southern half. To that proposition Arizona would present its the helf dozen places, and was lucky almost unanimous objection. The Waiter Wellman's Chicago Letter. of a great and prosperous state within its borders and when the proper time comes it will enter the union of states as one of the brightest in the whole galaxy. We don't want the southern California hurrah, scale-bug and "bustfuses all offers from American produc-California can bring to us. Arizona things so hope for in the future than ews of silver if they are not in con- is contented as it stands, even if it has no ocean breezes.

in silver only in the shape of bullion. to be even more oppressive in propor-The United States ought certainly to tion to the volume of their traffic, establish its own rate on silver and than the railroads, on the Pacific coast, not permit its production to be in- In Arizona their rates are excessively fluenced by foreign competition. It high, averaging twelve cents per possesses the power of so doing and it | pound from San Francisco to Florence. certainly should foster its home indus- The belief that the company is reimtries as well in the production of sil- bursing itself through these exorbiver as in the production of any other tant rates for losses incurred through the robberies committed in this Territory must be modified to include Tur Mineral Hill mining section of similar but greater losses sustained in Pinal county rejoices in the distine- California, for the larcenous rates have of ore to be found in any one locality pany for all such losses, above a fair

ledges and, generally speaking, the ore THE Territorial press is devoting is of good grade with many very rich a great deal of time and talent to the like of which I have seen in no other seams. The erection of a large smel- selection of suitable candidates for ter and concentrating facilities at the President Harrison to appoint to ofriver, with the good natural roads fice within the Territory when he asfrom the mines, would prove to be a sumes the functions of his position highly remunerative enterprise. The next March. It is undoubtedly movminers of that section express a willing- ed by a spirit of friendly assistance to ness to assist in erecting reduction the coming power, and is inspired by works in the only manner they are no selfish motive in its disinterested in Contemporary Review. able to do ro-the contribution of a recommendations. Should Mr. Harrigood share of the product of their son by the merest chance scan the properties for a specified time. Under columns of editorial endorsement and these circumstances no better induce- observe the undercurrent of strife. ment for capital can be found than it is certain that he would renounce exists at Mineral Hill, as it promises his adhesion to the 'home rule' plank not only speedy but great returns of the national platform and deem our political heroes to be unworthy of his confidence.

should be compensated for the re- THERE has been a rumor during the moval of the capitol by giving it some past week that a syndicate of capitalother public institution. Within that lists are negotiating for the purchase proposition lies the bane of all useful of the Reymert group of mines at Delegislation at the coming session of Noon. As to its truth we cannot the legislative assembly. This law of find any satisfactory confirmation. compensation means a great deal that These are grand properties and under is morally unwholezome. It implies the most adverse circumstances they trade and barter and sectional strife have produced a fine sum in bullion for appropriations at the expense with great ore bodies that promise of equitable legislation. Tueson wants rich future returns. With plenty of a round sum for the university and capital to construct adequate reducother towns have favors to ask which tion works these mines would so n will be considered, under the above take rank amongst the great dividend. Texas."

are usually selected by Congress, and Slycerine, but you don't state whether he of compensating favor; if not the subname of Winson; New Mexico as Monteguma, and Washington Terri- down yet when I left.—Einghamten Retory as Laconica.

THE county of Maricopa will petition | A SENSATIONAL report was recently

The developments in the Casa Gran- cle Beans, of the market brigade. tivity during the present year. Several new mills and furnaces are being I would wait till de nex' day, an' when I

The Agua Callente Springs.

The sale made last week of the renowed Agua Caliente Springs to a St. to all interested in this part of Arizona. Col. F. H. Woodworth and Mr. THE San Francisco newspapers are O. F. Thornton are interested in the waging a big warfare upon the Insur-chase to the front with their usual ensource of complaint. The result of the qualities of which have long been apmation of local companies that will a uniform temperature of Sa degrees. ance, and the arrogant old-line com- at the Springs, as well as the well apwill be given a opportunity to pointed cottages, will provide suitable accomodations for the many guests date the strangenat broke the who will epit this health-giving Agus

ing four innings they telephone or tele taneous ticker. While the last four last inning proes room stands with a mallet in his On the oud of each of these you see a figure. A mun shouts down stairs "Chicago II" Grabbing up a die with one blow the foreman stamps the figure "I" upon a blank in the stereotyped page Inother blow stamps that. Two or three nore blews stamp the totals made each club, the press is instantly started papers roll out at the rate of 40,000 an ur, the couriers put spurs into their ea, boys run all over the city crying Extra, all about the ball gamel" and a dozen wagons take on loads of papers and are driven at breakneck speed for certain distant corners, where a score of eager newabovs are waiting for each of them. About 45,000 of these sporting extras are ld in Chicago every evening

Sometimes the extras appear with big head lines, "The Chicagos Win," or "New York Vi This is done by naking two stereotype plates. In one th head line is for a Chicago victory, in the other for defect. If the Chicagos chance o win it is on the first plate that the ressman stamps the result of the last ning and the totals

While one of the three sporting editors employed on a morning paper is reporting the ball game another is at the races, while the third is taking care of other sporting events. Sporting editors are al rays on the lookout for midnight prize ights, and as these affairs are usually eld secretly and in out of the way plac they give reporters no end of anxiety fight is to be held turns out to be a wrong ip. I remember one occasion on which a reporter of The Herald was told, could utially, where an interesting fight was to come off. Five or six other sports told nervous about it, but he didn't lose his He had a reporter cent to each of

The Costumes of Coren But the colors are what give the streets f flooul such a quaint holiday appearance White or blue predominates long, flowing gowns, well starched and ironed, glisten in the can and blend their colors together, making a dazzling piet-ure together with the red of the children's resses and the occasional bright silk wn of an official or well to do merchant he people mostly dress in imported cotton, victoria lawns and These are thickly padded with cotton for winter wear, and then present a very balloon like appearance. Originally they is the prevailing color for the common people, a custom which is accounted for by the following tradition: White is the ourning color and three years the period of mourning. Once, during a period of ten years, three kings died, necessitating a change of raiment by the whole people each time. It of course was burdensome, as a Corean wardrobe is rather extensive and quite costly. In order, then, to avoid the difficulty in the future, they decided for the caprice of their kings. Of course, the wealthy are not obliged to follow this custom, but may dress as they please .-

Ballway Stations of Russia. The railway stations, and especially the station for Moscow, are seenes of intense a train in Kassia half an hour too soon. If you are going any distance all your family and friends come to see you off. Every one is admitted to the pintform. crowded and interesting spectacle, the country. The restaurants at the stations re admirable. The restaurants in St. Petersburg are numerous, the hotels comfortable, and, thanks to the depreciation of the ruble not too dear. In most of the Russian restaurants digestion is supposed to be facilitated by the strains of a gigantic musical box or mechanical organ, bich discourses loud voiced music all the time dinner is going on.-W. T. Stead

Peculiar Postni Regulations. It is rather an odd thing that if you paste a printed slip on a postal card the government will charge the receiver letter postage, while if the same matter is printed directly on the card nothing extra is demanded. The same slip which, if pasted on a postal card, would be charged extra for, may be put into an unsessed envelope, and it will then go at printed matter rates, or the whole paper from which the clipping is taken may be sent less rate than the government would charge for the same article attached to the card. That is, the government would rather carry four ounces for a cent than the four-lifths of an ounce for the same money .- Detroit Free Press.

Notmog Elckory the Strongest Wood. Professor Sargent is credited with maktog the statement that the "strongest wood in the United States is that of the and the weakest is the West Indian birch. white or shellbark bickery standing far The highest specific gravity, upon which in general depends value as fuel, is obtained by the blue wood of

City Editor (to new reporter)-You say this man was blown up by a can of nitro

is dead or slive. New Reporter-I waited around there fone or five bours, but couldn't learn it. Editor-Why couldn't you learn it? New Beporter-Because he hadn't como

A Close Appreximation. In 1804, in Momphis, in a refugee school that I visited while chaplain in the army, true vine, and my Pather is the husband-'I am the vine and my father is a married

man."-American Missionary One Who Didn't. "Well, uncle, I suppose you got in your vote all right the other day," he said to Un-No, sah, I didn't.

"What was the trouble?" "Dar was sich a big crowd dat I reckoned went ober agin de polis was dun gone an shet up an' toted away."-Yankee Blade.

The Difference,

Customer-Well, I guess I'll take these pants. Rubupaginstme-Ya, mein frent, tree tollars is wery cheap.
Customer aghast—Three dollars! Why, you had them marked a dollar and a half in the window. Rubupaginstme-Orb, ya! dot means ein tollar und feefty cents for von leg.-New

"Can I see Mr. Haggertyf' inquired the caller at the fall. "Before he was arrested he owed me a little bill that he promised he would pay at this date, and he has always en a man of his word." "You can see him if you will wait a few minutes," said the turnkey. "His attorney is with him now." The tailor shook his head and sighed de "There is no use in my waiting," he said Chicago Tribuna

The new burber shop has crawled to

GIVING TO THE POOR Degrading Effects of Public Charity-London's Modes of Relief. Those who are interested to examine

find plenty of books on the subject. "Encyclopedia Britannica" contains a good article under the heading "poor law." See also other encyclopedias.

The Scotch are proverbially thrifty and

economical, and yet they have been de graded by the poor law of 1845. In sor

parts of Scotland there is ten times the

poverty there is in Ireland! That law gives more relief than England's, and the

who had savings in banks transferred

and even the labor test, did not quell the applications in any such manner as did the Irish workhouse. Matters came to

such a pass that the fishermen of Wick

could not get their nots monded, their former assistants saying that they could get a living easier from the parish.

In Ireland there is very little out door relief, the proportion of Scotland being almost reversed—five in door to one out

door pauper. In spite of Ireland's unjust

land system and high rents, the whole

to one half those of Loudon alone. The Irish will submit to every privation

rather than let friends go to the work

house, which is the legal mode of relief,

In London many people get relief who could do without it, and consider it no disgrace. Industry, economy, temperance

and self restraint would enable most of them to take care of themselves if they

would. Hence the workhouse is a neces

sary restraint, being uncomfortable or even disgraceful. They therefore shun it. If they may eat without work in

some other way, they will; if not, many of them will work. Why are these people in such condition? It is a duty we owe

to society to ascertain what are their

thoughts, what the motives that have

led them to such lives. If the result is

that the vices and injustices and pro-digality of the rich have in part induced

such results, let it be exposed boldly and fearlesely. If injustice in the wage sys-

tem and in land tenure is the cause in part, let this also be proclaimed.—Charles W. Smiley in Popular Science Monthly.

A Once Powerful Indian Tribe.

The Rev. krael McCoy, Baptist missionary, who followed the Mismis in all their wanderings from 1815 to

ant Christian marriage ceremony north of Terre Haute and founded a permanent

mission in the Indian territory, saw the

the writer of this sketch, curious to see

the old Indians whose childhood, like his

own, was spent on the Wabash, hunted up the Miamas in the Indian territory and

was told that they now numbered no more

than fifty families; their tribal organiza-tion is merged and they are simply Cher-

okee citizens. Their names are on our

Wean, Wabash, Raccoon creek (Pish-

bright streams and fertile plains-Sheno

ewah), Miami, Tippecanoe, etc.—but of all the ten thousand or more Indians who

once ranged the state, not five hundred representatives remain. Victims of the

white man's progress and their own lack of adaptation, they are gone and forever.

The plow still turns up occasionally their stone hatchets and flint arrow heads; but

even the site of We-aw-ts-no is in dis

original wildness. - Indiana Letter.

pute, and Tippecanoe is their only battle

Best Sidewalk for Easy Walking

Pyrethrum or Buhach.

success. May it not be that Mr. Carman's

success, and the want of success which

others report, may be harmonized in the

cause of a volatile substance which is

Attempts have been made to a consid-

erable extent to substitute metal for

wooden ties on railroads, but it does not

ot appear that the right kind of tie has

o the same degree of viel a : as possible

Capital Punishment in France.

present day," said the public execution

Results of Habit.

Appropriate Music.

Tom-Ma slapped me because I wouldn't

Tom-"Always Take Mother's Advice."-

Short, but to the Point,

Dear Mr Editor-Please read the inclosed

oem carefully and return it to me as soor

possible, as I have other irons in the fire.

Dear Mr. Smith-Remove the irons and in-

Second Honest Denier-Oh, yes; first rate.

First Honest Dealer-Then why did rou

erusted in getting off the load when it was

Honest Denler-Because he always

No Man for the Place

bler will never make a good pitcher.

boys, you know. - Yenowine's News.

ork, may not do so to-morrow. frequent applications only can give success.—Professor Cook, Agriculture Col-

lege, Michigan.

one.-Frank Lealie's.

Cor. New York World.

Citizen B .- Why?

discharge him! Second Hones

tribe shrink to a few hundreds.

who performed the first Protest

and is not a charity.

number of her paupers does not amount

Careful investigation

money is regarded as a nice gift.

contains a



"Whose deal is it?" "Who dealt last?" "I don't know. 'Oh, it's Mr. B's deal." "Why, so it is?" "What's trumper" "Diamonds."

"It's your play

"Ob, is it! What led!"

Diamonds? Well, if I aln't got the awfullest hand." "Well, I just haven't got a thing." "I never did have quite such awful luck."
"Whose play is it?" "Let me see, what's trumpaf" Diamonds "Oh, so it is: how stupid of me to forget."

"Let me see, now-um-um-spades led and diamonds are trumps?" "Oh! if you didn't have ten trumps." "Who took that trick?

You mean thing. "O-o-oh! if you didn't make four! You're horrid! Whose deal is it?" Then they say it all over again. -Time. In a Nutshell

Ella Wheeler composed one of her poems while rocking her baby brother to sleep in his cradle. This accounts for the rocky nature of the meter of the poem. The crown prince of Greece dislikes publicity, and often travels in third class railway coaches. In this respect he shares to

some degree the peculiarities of the Ameri-Lord Tennyson calls Mary Anderson "a living, breatling poem." If she is a poem, who is one that no same unmarried editor would re lect.

A Delbam man has a brindle dog that can climb a trea. That man's daughters must stand a mighty poor show of getting mar-Women can't vote, except for school com-

mittee, but they can veto, as suffering men unfortunately know.—Somerville Journal. First Principles of Trade. Jake-Mrs. Growler wants two more yards of that cloth she bought here yesterday, but

she says we charged her ten cents more than Wool & Co. Dealer-How much did they charge ber! Jako-Sixty cents, and we've been getting seventy for it.

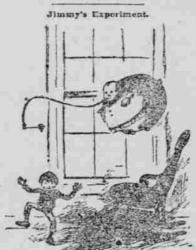
Dealer-Well, why don't she buy it at Wool's then? Jake-They baven't any; nobody in town has it except us Dealer-How much did you say it was a

Dealer-And she wants two yards more! Jake-Yes. Dealer-Nobody else has it? Jake-Nobody. Dealer-Well, let her have it for pinety cents, then .- Detroit Free Press.

Jake-Seventy cents.

No More Srowning. "Are you going into the Browning club Lusiness as steep this winter as you did last, Katof asked Miss Chicago of her friend Miss "Not by a long shot," replied Miss Kate,

emphatically. "A reaction has struck our Browning club, as I knew it would. We've voted to cheese Browning and have some of our good, old fastioned taffey pullings and cotillon and euchre parties this winter. we over got drawn into that Browning snap is a mystery to me, anyhow. - Time.



Jimmy went to the fair grounds and saw a balloon inflated with gas. Upon his return tome his experiment upon Samuel (the youngest) was a perfect success.-Life.

Visit to a Repairing Factory. The place looked like a ghastly carlea-ture of a butcher shop in the land of the cannibale, but it was only the inner sanc-ium of a manufacturer of artificial limbs. Arms, legs, hands, feet-what you willhung on walls, screened in glass cases or laid about in heaps, greated the eye wherever it rested. There were audarious There were audacious pictures of gentlemen in various active employments, who, having "tried your valuable leg would have no other. of those graceful men was pictured in the act of riding a bicycle. Another bore his whole weight on an artificial leg while plying a miner's pick at a mass of rock over his head. Still another stood on his sound leg and with the artificial leg drove a spade deep into the soil of a garden low, blacksmiths shoeing horses and a edestrian without a nose-all with at agt one artificial leg.

Do they really do all that?" inquired the reporter. Perhaps not quite as well as you'd suppose from the cut, but it is true that there are a good many thousand mon with artificial legs doing work that one would hink likely to require the aid of sound

'Then you come pretty nearly supplying any natural loss? "Pretty nearly. The war gave a great impetus to the manufacture of artificial bs, and we are still making limbs for

'How long does an artificial limb last?" "That depends upon whether it is an arm or a leg and upon various other considerations. I've known an artificial leg to be in use twenty-five years. The more elaborate attempts to counterfeit nature, the more liable the member to get out of order and require renewal. We make arms and hands with which the wearer writes, uses knife and fork at table and performs many operations that one might think impossible."—New York Telegram

A Real Novelty. Mrs. Duquesne-I suppose you sing or stop singing. Emma—What were you singing! Miss Newcomer-Oh, no! I'm not at all

Mrs. Duqueane-You recits, probably? M ss Newcomer-Oh, no, indeed! Mrs. Duquesne-Well, then, I suppose you paint plaques? Miss Newcomer-Mepaint! I couldn't paint

Mrs. Duquesne (eagerly)-Oh, you dear girl, sert the poem. -The Journalist. how levely! You must promise to come to every one of my receptions. You'll be such a sensution!—Pittsburg Bulletin.

The English We Use. "Naomi, there is one reason why everybody should admire you." "And what is that, George?" "You use only pure English. So many young ladies have that detestable habit of arding their sentences with slang. Don't you ablior itif

"Well, yes, it does make me eather tired."

KRAKATOA'S ERUPTION.

SCIENTIFIC INVESTIGATION OF THE the economic results of giving to the poor, in England, Scotland and Ireland, will NOTED VOLCANIC EXPLOSION.

Preliminary Performances of the Volcano When the Crisis Came-Noise of the Great Crash-Effects of the Explosion-Optical

In 1880 there were earthquakes along the shores of the Straits of Sunda, but Krakaton gave no sign of reawakening until and violent eruption, by which a column of dust and steam was thrown to a height of seven miles, and some of the matter fore it descended to the earth. This erup Batavia, 100 miles away, sounded like the booming of cannon, while doors and win-dows were shaken. The force of this outreak soon subsided, and such things are so common in that part of the world that little attention was paid to it. On May 26 an excursion party from Batavia visited the neighborhood and obtained a photo graph of the mountain as it then appeared. In the middle of June another crater opened, and the dense pall of vapor that had been hanging over the region was perceptibly increased. After that the island became every day the scene of greater activity. On Aug. 11 there were hree principal and eleven smaller volcanic fires visible upon it.

WHEN THE CRISIS CAMP. The climax came on the 27th of August. On the afternoon before it could be seen that a crisis was approaching. The story as told from the logs of various ships that were in the neighborhood shows that frequent explosions then occurred and that the air was filled with vapor, pumice and dust, illuminated by a glow from the volcano below, and by continuous flashes of lightning from above. The sound of frequent explosions was heard at great dis-tances, and waves were started that were felt hundreds of miles away.

The investigations of the committee

have proved conclusively that these erup-tions of the afternoon of Aug. 28, by shattering the island and tearing great fragments from it down to below the level of the sea, were the direct cause of the terrific outburst of the following morning, by which the Island was nearly destroyed, and the vast tidal wave started that overwhelmed all the talands for a nundred miles about. Through the breaches made by these explosions in the walls of the craters the sea rushed in torrents. The first effect, as when dirt or siones are thrown into the mouth of a gayser, was to deaden the violence of the ruption, and produce a season of com-arative calm. This basted through the parative calm. right of the 26th and well along into the morning of the next day. But the term ble energy thus amothered was merely sup-pressed for a time. It accumulated deep in the earth beneath the small sen that quickly filled up the crater above, and the longer it was confined the greater be came its power. At 5:30 o'clock in the morning came the first outbreak, but it was not enough; the water poured in faster than the power below could throw it out, and the forces of fire below were faster than the held in subjection by the sea. another outburst at 6:44 o'clock, but this too, the sea subdued, driving the beast of the volcano back once more into its subterranean caverns, where it raged and fumed for nearly four hours. und that retains even a trace of its 10:02 o'clock, it burst out with an awful violence, flinging the ocean back in waves a hundred feet high, that rolled on for thousands of miles before they wholly

It may be thought that the material of NOTED OF THE OPENT CRASH. which a sidewalk is constructed is of no The noise of this last great crash of the importance so long as a sidewalk in there. This is a great mistake. The influence and of fire was heard over an area conslthat the surface of a sidewalk has upon ing one-thirteenth of the surface of the case with which a pedestrian gets about can only be realized by close obser-People a thousand miles away vation and experiment. Take a number of sidewalks, all slightly undulating, and hought a vessel in distress was firing minute guus and sent out a ship to her aid. At Ceylon, 2,000 miles away, people experiment. It will be found that a polished stone sidewalk requires fully. thought that ships were practicing with their heavy guns somewhere in the neighone-half more exertion to traverse that even as far as Rodrier distance of granite pavement does. A brick walk gives much less heard as of the roar of distant artillery. fatigue, while the tron walk, cast with little projections, is, by far, the easiest of any to walk upon. My attention was More than this, the air waves which accompanied the sound spread after the called to this while making a sories of id liself had become inau walking races with a man who invariably passed me in going home. Do what could, I could not keep pace with him or the world recorded the passage of unaccountable atmospheric impulses, not once, the smooth stone. One night, however, I chanced to take to the iron walk that was but time after time, until it is a scientifically ascertained and proven fact that the inside the stone, and to my surprise air wave from the explosion passed seven times around the world before it became far less fatigue to my limbs than when being regularly distanced on the same so faint that it produced no effect upon the instruments that record such incid footing.-Pedestrian in Globe-Democrat. At Ratavie 100 miles distant windows were blown in, gas put out, a gasometer lifted from its well, and even walls were cracked merely by the vibrations of the air. California pyrethrum, or bubach, still bolds its own as a specific against the cab-The sea waves hurled out from the volbago caterpillar. There is not a better remedy. Mr. E. S. Carman reports as the cano in all directions were more disastrous, if less far reaching, than the air result of some years' experience that this same bulisch is a specific against that

waves. Thirty-three miles from the volano some of the waves were 125 feet serious pest of the orchardist, the rose chafer, Macrodactylus subspinosa. We high Towns, villages and lighthouses were swept away. A man of war was carried up the Telek Balong valley nearly had no opportunity to test the value of this insecticide upon this beetle, but did try it on the blister beetles with marked two miles inland and left very perceptible one all the way across the Indian ocean, and at Ceylon, Natal and the Cape of Good Hope its passage was made a matter of record long before fact that Mr. Carman was more thorough and persistent in his work? It must be remembered that bulanch is effective beanything was known of the explosion. ESPECTS OF THE EXPLOSION. quich to escape, if the powder is left ex-posed. Hence, unlike the arsenites, it must be applied daily. An application today, while it will kill the insects at

In the immediate vicinity of the island the effect of the explosion was almost in-conceivable. Two thirds of the island of ern end, and Verlaten Island was enlarged mass of matter which was blown away from Krakatoa has been calculated at 200,000,000,000 cubic feet. One of the inadmirably the formation of the interior of a crater.

been invented. Wood possesses the quality of yielding in just about the right degree, and a metal tie should come as near The most curious part of the report is that devoted to the optical phenomena that followed the cruption, including the stock of available timber should be an inof the globe, which were almost certainly the result of it. The Hon. Rollo Russell centive to some ingenious inventor to and Mr. Douglas Archibald had charge of bring out a metal tie equal to a wooden the preparation of the parts of the re-port devoted to this subject. They found that at the time of the explosion so great a mass of dust and vapor was th "Capital punishment may be said to be into the air to heights estimated at from virtually abolished in France at the 12 to 23 miles that for 150 miles aro of France. "Paris alone last year tried 200 men for murder, and convicted only masses of pumice stone covering the sea five of them. The lenlency shown to criminals in M. Grevy's time led to a rethickly for a long distance about, and were carried by the ocean currents to all duction of my salary from \$1,500 to \$1,200 parts of the world, so that even yet they are being washed ashore in places far This is my entire income, for I get no fees or perquisites-vet I am content."-Paris note from the straits of Sunda.-New York Sun.

In Cambridge. Citizen A. (viewing the game)-Tom Turn-Miss Arlington-We are very proud of our old Colonial houses. There's one of the best Citizen A .- His delivery's too slow. Used examples. Mr. Derwentwater (of New York)-What to be one of Manager Weller's messenge

line is the firm in !- Life. More Than He Expected. ma-What are you crying about, Tom?

First Honest Dealer-I see that Jim Goodman is no longer in your employ.
Second Honest Dealer—No; I discharged He (as the Lancers is about to commence -Shall I have your hand? She (softly)-With all my heart.-Harper's First Honest Dealer-Didn't take hold well,

> Can't Down Him. Grand Avenue Barber (to youthful victim) have up or down! Youthful Victim-Down, of course Barber-All right; I'll shave down.-Ye-

Tle Fublishing and Patent Offices of the

The outlook for Arizona was never Perhaps some of our readers have brighter. The conditions are favors. visited the extensive offices of the ble for prospecting; several valuable Seien ific American, at 361 Broadway, mineral discoveries have recently been New York, but many have not, and to made and there is no reason why such the following account may be of others should not follow. Mining interest. A correspondent who re- operations are intelligently, systematicently had this pleasure informs us cally and vigorously pushed and the that he was greatly surprised at the output of bullion for 1889 bids fair to magnitude of the establishment. It exceed that of any previous year. suggested to his mind an enormous Agriculture is also making great adinsurance company or banking house. vancement. A half dozen large ca-At the main office, which is princi- nals have been completed in Maricopa, pally devoted to the patent business- Pinal and Yuma counties during the forming as it does so important a part present year, and work is steadily proof the establishment—may be seen the gressing on as many more. As a remembers of the firm and their able suit double the usual amount of land corps of examiners. Ready access to will produce crops in 1889, and the the principals is afforded to every one; and here may be seen inventors from The ranges are in fine condition and all parts of the country showing their the live-stock industry prosperous. A models and drawings, and explaining more reassuring condition of affairs their inventions. The models left by could not be expected, as every sign inventors form a large and interesting indicates a permanent growth, guarancollection, and are kept in a room by teeing a rapid increase of population themselves. The large corps of draughts- and a corresponding increase of wealth. men who prepare the patent drawings. Of all the territories Arizona is the are for the most part experienced me- least developed, while her resources chanics, electricians, or engineers, are illimitable. With a climate unsome of them having been connected equalled for health and comfort, vast with the U.S. Parent Oilice. Most of the productive plains and immense decorrespondence is carried on by type posits of minerals, the settler can see writers, and this necessitates a sepa- a future before him other than of mere rate department, where a number of existence. A few years ago capital experienced female type writers was shy of Arizona, but this is no and stenographers are con-longer the case, now that her resourstantly employed. The dark room, ces are better understood, and terriwhere the photographs of the patent torial, county and city bonds comdrawings are copied, and where the mand a premium in the monsy photographs for the architectural de- ets of the country. What our people partment are developed, is also on have accomplished with so little this floor. On the floor above may be sistance in the past will certainly do found the editorial rooms, composi- much to encourage investment within tors' and subscription rooms, and the our limits on the part of outside engravers' department.

edition of the Scientific American, many years before Arizona's knock which is published monthly, and has for admission to the sisterhood of attained a widespread circulation, states will be heard, and a kindly in-The printing of the papers is carried vitation to "come in" extended.-Pheon in a separate building. At the en- nix Arizonan. trance of the main othice, which alone occupies a floor space of 60 by 165 feet, may be seen one Prof. Draper's remarkable recording barometers, with as a very expensive instrument.

Some idea may be had of the extent | before the San Francisco tensive patent department,

popular favor. Such maps, showing sent it to San Francisco. the principal valleys, rivers, mountain | The meat, Mercer asserts, is poison ranges, wagon roads and towns, would ous, as the germs of the disease live in prove of almost incalculable benefit to it, and he discovered that 14 children, such of the counties as are sufficiently who had eaten it, were attacked by enterprising to advertise their natural malignant fever and died. with so designed as to show in colors the Horn. location of the thermal and citrus areas, the grazing, timber and min-Pinal, Pima, Gila, Yavapai and other delicate instruments at various observa- counties, the amount of agricultural been sufficated by escaping gas. tories and other stations in all parts of land farmed and available to intending immigrants as well as the complete topography of the Territory, the resulting returns in increased population, swelling tax rolls and general business prosperity to each and every portion of Arizona would be almost beyond calculation. It is not our pur pose to discuss the most desirable nethod of consummating the project. Whether it is best to appropriate needed funds directly from the Territory in sufficient amount to defray the expenses of compilation, engraving and publication, depending upon the copyright and sales to return all or a part of the outlay, or to authorize each Board of Supervisors to personally see that maps are made feet above the sea level. The wave was a of their respective counties, is a question which we cheerfully leave to the wisdom of the Solons .- Yuma Senti

A Premature Blast.

A man named H. Scott Knight, a book-keeper by trade, who was working on the Bisbee road, was seriously Krakatoa and the whole of a neighboring injured on Sunday by a premature taland disappeared entire. Lang Island blast which he was in the act of setwas increased by an addition to its north-ting off. He was brought to Tombto three times its former dimensions. The Dunn at the San Jose House. His stone and is under the care or Dr. face is literally full of powder, and his eyes are both closed, while his forecidental effects of the explosion was the head is torn in a most horrible shape. exposure of a magnificent section of the Dr. Dunn thinks that he can save one island, nearly 2,000 feet high, showing eye but the other is doubtful. The patient suffers great agony. He states that he was in the act of lighting the fuse, and just as he touched the candle to it the whole contents of the hole remarkable colored sunsets in all parts blew out and st. uck him in the face. with the result as above stated .- Prospector.

Frank Fitch, who will be recollected as having hung out his shingle in Globe as a practicing attorney, and since his departure from Arizona, has and been swinging around the circle, has darkness prevalled at midday. Much of come to grief in San Francisco. As this matter fell quickly to the earth, the story runs, he was charged with embezzling \$500 belonging to Edward Kirby, of San Diego. He had been pr shadowed by a detective for four days, and when arrested at 4 o'clock in the morning, he was having "a gay old time" in a Montgomery street saloon and was taken to San Diego to answer the charge. Fitch had bu recently returned from Washington Territory, and was posing as a dealer in mines. Silver Belt.

The Two Very Lucky Men of Vancouver

In last Sept. M. C. Harell, a laborer bought one-twentieth of ticket No.46, 755 in The Louisiana State Lottery and that number drew the big \$300,-000 prize on Oct. 9th. J. C. Proebstel owns half of this ticket, which entitles them to \$15,000, which was deposited for collection with Wells, Fargo & Co's Express, at Portland, Oregon, and it was promptly paid by The Louisiana State Lotterry at New Orleans, and the money is now in Portland ready to be paid over upon proper receipt for it.-Vancouver [Wash, Ter.] Independent, Nov. 7.

The new gold discovery at Harrisburg is 80 from Yuma and 50 miles distant from Ehrenberg. There is a fine county road from Ehrenberg, and flour, grain, etc., can be bought as cheaply as anywhere in the Territory. It is proposed to put on a stage line from Ehrenberg to the mines at an early day .- Sentinel

monied men and syndicates, and there-The Architectural Department oc- fore we do not long expect to be withcupies the top floor, and here may be out the additional railroad facilities seen the manager of this department, so necessary to the future rapid and also a number of draughtsmen at growth and thorough development of work preparing the plans and general | the manifold resources of the territory. designs for the Architect and Builder The indications are that it will not be

Dying by Hundreds.

According to reports from Califorwhich instrument a complete record nia, Arizona beef ought to be in great is kept of the atmospheric changes, demand in that state, as it is free from The barometer was built specially for disease in consequence of the extenthe Scientific American, and it is a sive ranges over which cattle roam. remarkably fine and sensitive as well A.S. Mercer, of the United States bureau of animal industry, appeared of the business done at the office of the health, Monday last, and presented Scientific American when we state some startling facts. He found that that over one hundred persons are in Monterey county, California, anthemployed by Munn & Co. on their rax was making great ravages among several publications and in their ex- cattle. At Green's ranch 900 head had died in thirty days and cattle were dying daily in that section. The It strikes us rather forcibly that a marks of the disease are an enlarged bill passed by the Fifteenth Legisla- spleen and liver and dark tarry blood, tive Assembly appropriating sufficient | At Gozales 100 out of 200 eattle had funds to enable complete maps of the died within two months. The Spanish Territory being made in each of the people in the vicinity cut up the carseveral counties, would meet with casses, dried and smoked the meat and

advantages, indicating at a glance. The disease is spreading, and cattle more than volumes of pen pictures affected with it were found in the could do in years. Were these maps neighborhood of San Jose.-Hoof and

Mr. W. A. Taylor, traveling auditor ing belts, the many great irrigation of the South on Pacific railroad and canals and water-storage enterprises formerly passenger agent at Tucsor, now constructing in Yuma, Maricopa, was found dead in his bed in San

THE SAN FRANCISCO

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ted States contains as much or as great a variety of good read-ing matter as the

in the United States the entrance of new issues into the political areas has been followed by a change of administration. But the great economic question on which the carpaign turned is still unsettled, and its solution is now committed to a Congress atmost squally divided between the two great parties.

Europe is a vast camp. Army corps paired the frontiers, and millions of men awh? the eignal for the most thank was the world as ever seen. The Examiner's newspathering to achinery is unequalled. Its correspondents do the babitable globe. Nothing can every their vigilance, and no expense is spared in spreading the results of their efforts before the Examiner's readers.

ers.

The most noted writers of fiction in the world contribute to the Weekly Examiner. Jules Verne, author of "A Trip to the Moon," etc.; Ruser Louis Stevenson, author of "Treasure Island," etc.; Ruser Haggard, author of "She," etc.; Anna Katharine Creen, author of "The Larence etc. Case," etc. have all written stories for the Week # kann ner, and will do so in the fance.

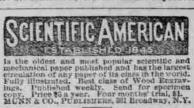
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